

List of the approved in-can preservatives according to the requirements in the respective award criteria

- DE-UZ 12a Low-emission and Low-Pollutant Varnishes**
- DE-UZ 113 Low-Emission floor-covering adhesives and other covering materials**
- DE-UZ 123 Low-Emission Sealants for Interior Use**
- DE-UZ 132 Low-Emission Thermal Insulation Material and Suspended Ceilings for Indoor Use**
- DE-UZ 140 External Thermal Insulation Composite Systems (ETICS)**
- DE-UZ 216 Concrete products with recycled aggregates for road construction, gardening, and landscaping**
- DE-UZ 225 Low-Pollutant Facade Paints**
- DE-UZ 227 Roofing tiles and fittings**
- DE-UZ 233 Building waterproofing with liquid plastics**

Alternatively, the following substances or substance combinations, where the individual substances in the product have a total content of 400 ppm, may be used for the purposes of in-can preservation in the liquid plastics. The quantities of the preservatives used in the primary/intermediate products must also ensure that the preservation of the final product corresponds to this Appendix. Products labelled with H317 are prohibited.

Permitted Preservatives	CAS no.	Content [ppm]
DBDCB	35691-65-7	400
BIT	2634-33-5	400
Bronopol	52-51-7	200
Natrium pyrithione	3811-73-2	200
Zinc pyrithione	13463-41-7	200
Combination CIT/MIT (3:1)	55965-84-9	Total < 15
TiO2 AgCl based on AgCl	7783-90-6	100
IPBC	55406-53-6	80
Prohibited substances¹		
Total of		< 15
BBIT	04/07/4299	
MIT	2682-20-4	
OIT	26530-20-1	
DTBMA	2527-58-4	

Only those substances (active substances or biocides) may be used for which an active substance dossier for preservatives for products during storage (product-type 6) according to the Biocidal

¹ These substances may not be actively added to the Blue Angel product for the purpose of preserving the product during storage

Product Regulation (BPR, Regulation (EU) 528/2012) has been submitted. If inclusion on the list of approved substances for product type 6 is rejected after an evaluation has been completed, the use of this substance is no longer permitted.

Exception for other substances²

Other preservatives may be used if a MAK value is available and/or sufficient data regarding inhalation toxicology and analytics on the pure active substance and, if applicable, relevant degradation products, isomers and impurities, as well as other by-products of the substance and/or sufficient examinations relating to inhalative exposure are submitted to the Federal Environmental Agency for evaluation and setting of a maximum content.

Version history

Version 1 (04/2025):

- Creation of the separate document.
- Deletion of CIT as a single active ingredient: The active substance has not been approved for use in biocidal products of product category 6 (in-can preservatives – PT06) according to Art. 1 of Implementing Decision (EU) 2025/357.

² The checklist and the biotest for the admission process are published on the Blue Angel website under: (https://www.blauer-engel.de/sites/default/files/2023-10/DE-UZ%20012a-201901-en-Appendix%20C-2022-05-17_1.pdf).